| In | dex of | Claims | : |
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| Application/Control No. | <b>Applica</b> | tion/Con | trol No. |
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10/518,915 Examiner

YANO ET AL.

Applicant(s)/Patent under Reexamination

**Art Unit** 

Amy L. Clark

1655

Rejected Allowed

(Through numeral) Cancelled

**Non-Elected** N

Appeal

Restricted

Interference

0 Objected

| Cla             | im       | Date       |  |  |  |          |  | CI       | aim  | Date     |             |          |          |          |          |          |          |          |          | aim      | Date     |          |          |   |                    |          |                                |          |          |          |              |          |
|-----------------|----------|------------|--|--|--|----------|--|----------|--|----------|-------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|---|--------------------|----------|--------------------------------|----------|----------|----------|--------------|----------|
| آ ٔ ٔ ٔ         |          | $\vdash$   | Т  | Г  | <u> </u>   | Ī        | Ť  | Т        | Ι  | Н        | <u> </u>    | T        |          |          |          | Ē        |          | Т        | 7        |          | $\dashv$ |          |          |   |                    |          | Πĺ                             |          |          | $\neg$   | $\neg$       | $\dashv$ |
| Final           | Original | 1/23/07    |  |  |  | :        |  |          |  |          | Final       | Original |          |          |          |          |          |          |          |          |          | Final    | Original |   |                    |          |                                |          |          |          |              |          |
| $\vdash$        | h        | ┝          | ├-   | -  | $\vdash$   | ╁        | ╁  | ╁        | ┢╌   | H        | <del></del> | 51       | -        | $\vdash$ | -        | $\vdash$ |          | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |          | 101      |   | Н                  |          | -                              |          |          | $\dashv$ | $\dashv$     | $\neg$   |
|                 | 2        | -          | -  | ┢  | $\vdash$   | ╁╌       | ╁╾   | ╁        | ┢  | $\vdash$ |             | 52       | $\vdash$ | Н        | -        |          | $\dashv$ | -        | -        | -        |          | <b>—</b> | 102      |   | Н                  |          |                                | $\dashv$ | -        | $\dashv$ | ᅱ            |          |
| $\vdash$        | 8        | -          | ╁  | -  | -  | ├-       | -  | $\vdash$ | ┢╌   | $\vdash$ |             | 53       | -        |          | -        |          |          | -        |          |          | $\dashv$ | <b>—</b> | 103      |   | Н                  | -        | -                              | -        |          | $\dashv$ | $\dashv$     |          |
| $\vdash$        | 4        | 1          | ┢  | ├─   | ٠.   | +-       | ╁  | -        | ┢╌   | Н        |             | 54       |          | -        |          | $\vdash$ |          | -        | $\dashv$ | $\dashv$ | $\dashv$ | -        | 104      |   | Н                  | $\vdash$ | _                              | $\neg$   |          | $\dashv$ | $\dashv$     |          |
|                 | 5        | V          |  | $\vdash$   | $\vdash$   | $\vdash$ | ╁  | -        | -  | $\vdash$ |             | 55       | -        | Н        |          | Н        | $\dashv$ | $\dashv$ | $\dashv$ |          | $\dashv$ | -        | 105      |   | Н                  |          | H                              |          | $\dashv$ | $\dashv$ | $\dashv$     | $\neg$   |
| _               | 6        | <u>  `</u> | -  | -  | ╌  | ╁┈       | ├  | ╁        | $\vdash$   | -        |             | 56       | -        |          |          |          | -        | -        | ᅱ        | -        | $\dashv$ | -        | 106      |   | -                  | H        |                                |          | $\dashv$ | _        | -            | $\neg$   |
|                 | 7        | $\vdash$   | <del>                                     </del> | $\vdash$   | $\vdash$   | ┢        | $\vdash$   | ╁╌       | $\vdash$   | $\vdash$ |             | 57       |          | Н        | $\vdash$ |          | $\dashv$ | $\dashv$ | 一        |          | -        |          | 107      |   | Н                  |          |                                | $\dashv$ |          | _        |              | -        |
| $\vdash$        | 8        | -          |  | -  | ┢  | +-       | -  | H        | $\vdash$   | -        |             | 58       | H        |          |          |          |          | -        | ┪        | _        | _        | -        | 108      |   | $\vdash$           |          |                                | -        | -        | $\neg$   |              |          |
| $\vdash$        | 9        | ┢          | ╁  | -  | ╁  | t        | -  | ╁        | <del>                                     </del> | $\vdash$ |             | 59       | $\vdash$ |          | Н        |          | $\neg$   | $\dashv$ | 一        | $\neg$   | $\neg$   |          | 109      |   | _                  |          |                                |          | $\neg$   | $\dashv$ |              | _        |
|                 | 10       | $\vdash$   | $t^-$  | $\vdash$   | $\vdash$   | t        | ┢  | -        | -  | Н        | -           | 60       | $\vdash$ |          |          |          | $\neg$   | $\dashv$ | 一        |          | _        |          | 110      | _ | _                  |          |                                |          | $\neg$   | $\neg$   | _            |          |
| $\vdash$        | 11       | -          | 一  | _  | ╁  | 1-       | _  | $\vdash$ | -  | -        | -           | 61       | H        |          |          |          |          | 一        | 一        |          | _        |          | 111      |   | П                  |          |                                |          |          | $\dashv$ |              |          |
| $\vdash \vdash$ | 12       |            | 1  |  | 1  | t        | T  | T        | 1  |          |             | 62       |          |          | H        | П        |          | ᅥ        | ᅥ        |          | _        |          | 112      |   | П                  |          |                                | $\neg$   |          | $\dashv$ | $\neg$       |          |
| $\vdash$        | 13       | $\vdash$   | $t^{-}$  | <del>                                     </del> | <del>                                     </del> | 1        | <del>                                     </del> | T        | <u> </u>   | H        |             | 63       |          |          | $\Box$   | Н        |          |          | 一        | $\neg$   | $\neg$   |          | 113      |   | $\Box$             |          |                                | $\neg$   | $\neg$   | $\neg$   | $\neg$       |          |
| $\vdash$        | 14       | Т          |  |  |  | T        | T  | T        |  | $\vdash$ |             | 64       |          |          |          | $\vdash$ |          | $\neg$   | _        | _        |          |          | 114      |   |                    |          |                                |          |          | 一        | $\neg$       | П        |
|                 | 15       |            |  |  | T  | T        | T  |          |  | $\Box$   |             | 65       |          |          |          |          |          | $\neg$   |          |          | $\neg$   |          | 115      |   |                    |          |                                |          |          | $\neg$   | П            |          |
|                 | 16       | T          | i –  | $\vdash$   |  | T -      | 1  | Ī        | Г  |          |             | 66       |          |          |          |          |          | ヿ        | ヿ        |          |          |          | 116      |   |                    |          |                                |          |          | П        | П            |          |
|                 | 17       |            |  |  |  |          | П  |          |  | П        |             | 67       |          |          |          |          |          |          |          |          |          |          | 117      |   |                    |          |                                |          |          |          |              |          |
|                 | 18       |            |  |  | Т  | T        |  | İ        |  | П        |             | 68       |          |          |          |          |          |          |          |          |          |          | 118      |   |                    |          |                                |          |          | $\Box$   |              |          |
|                 | 19       |            |  |  | T  | T        |  |          |  | П        |             | 69       |          |          |          |          |          | 一        | ヿ        |          |          |          | 119      |   |                    |          |                                |          |          |          | П            |          |
|                 | 20       |            | 1  | _  | Г  | 1        | T-   | İΤ       |  | П        |             | 70       |          |          |          | П        |          |          | $\neg$   |          |          |          | 120      |   |                    |          |                                |          |          | П        | П            |          |
|                 | 21       |            | Г  | 1  | Т  | 1        |  | Т        | Г  | П        |             | 71       |          |          |          |          |          | コ        | $\neg$   |          |          |          | 121      |   |                    |          |                                |          |          | $\Box$   | $\neg$       |          |
|                 | 22       |            | t  | Г  | $\vdash$   | T        |  | T        |  | П        |             | 72       |          |          |          |          |          | _        | $\neg$   | -        |          |          | 122      |   |                    |          |                                |          |          | T        | $\neg$       |          |
|                 | 23       |            | T  | T  | T  | Т        |  |          |  | П        |             | 73       |          |          |          |          |          | ヿ        | $\neg$   |          |          |          | 123      |   |                    |          |                                |          |          |          |              |          |
|                 | 24       |            |  |  |  |          |  | -        |  | П        |             | 74       |          |          |          |          |          | 7        | $\neg$   |          |          |          | 124      |   |                    |          |                                |          |          |          |              |          |
|                 | 25       |            |  |  |  |          |  | l        |  | П        |             | 75       |          |          |          |          |          |          | $\neg$   |          |          |          | 125      |   |                    |          |                                |          |          |          | П            |          |
|                 | 26       |            |  |  |  | Г        |  |          |  | $\Box$   |             | 76       |          |          |          |          |          | $\neg$   | $\neg$   |          |          |          | 126      |   |                    |          |                                |          |          |          |              |          |
|                 | 27       |            |  |  |  | T        |  |          |  | П        |             | 77       |          |          |          |          |          |          | 一        |          |          |          | 127      |   |                    |          |                                |          |          |          |              |          |
|                 | 28       |            |  |  |  |          |  |          |  | П        |             | 78       |          |          |          |          |          | $\neg$   |          |          | $\neg$   |          | 128      |   |                    |          |                                |          |          |          |              |          |
|                 | 29       |            |  |  |  | 1        |  |          |  | П        |             | 79       |          |          |          |          |          |          |          |          |          |          | 129      |   |                    |          |                                |          |          | П        |              |          |
|                 | 30       | Г          |  |  |  | П        |  |          |  |          |             | 80       |          |          |          |          |          |          |          |          |          |          | 130      |   |                    |          |                                |          |          |          |              |          |
|                 | 31       |            |  | _  | Π  | Т        | Т  | Π        |  |          |             | 81       |          |          |          |          |          |          |          |          |          |          | 131      |   |                    |          |                                |          |          |          |              |          |
|                 | 32       |            |  | П  |  | Г        |  |          |  | П        |             | 82       |          |          |          |          |          |          |          |          |          |          | 132      |   |                    |          |                                |          |          |          |              |          |
|                 | 33       |            |  |  |  |          |  |          |  |          |             | 83       |          |          |          |          |          |          |          |          |          |          | 133      |   |                    |          |                                |          |          |          |              |          |
|                 | 34       |            |  |  | Π  |          |  |          |  |          |             | 84       |          |          |          |          |          |          |          |          |          |          | 134      |   | L.                 |          |                                |          |          |          |              |          |
|                 | 35       |            |  |  |  |          |  |          |  |          |             | 85       |          |          |          |          |          |          |          |          |          |          | 135      |   |                    | L        |                                |          |          | ot       |              |          |
|                 | 36       |            |  |  |  |          |  |          |  |          |             | 86       |          |          |          |          |          |          |          |          |          |          | 136      |   |                    |          | L                              |          |          | Ш        | $oxed{oxed}$ | _        |
|                 | 37       | Ĺ          |  | L  |  |          | 匚  | L        |  |          |             | 87       | $\Box$   |          |          |          |          |          |          |          |          |          | 137      |   |                    | <u> </u> | L                              |          |          |          |              | _        |
|                 | 38       |            |  |  |  |          | L  | Ĺ        |  |          |             | 88       |          |          |          |          |          |          |          |          |          |          | 138      |   |                    |          |                                |          |          |          |              |          |
|                 | 39       |            |  |  |  |          | $\Box$   |          | 匚  |          |             | 89       |          |          |          |          |          |          |          |          |          |          | 139      |   |                    | L        |                                |          |          | Ш        | $\square$    | <u> </u> |
|                 | 40       |            |  |  |  |          |  |          |  |          |             | 90       |          |          |          |          |          |          |          |          |          |          | 140      |   |                    |          | $oxedsymbol{oxedsymbol{oxed}}$ |          |          |          |              | <u> </u> |
|                 | 41       |            |  |  | $\Box$   |          |  |          |  |          |             | 91       |          |          |          | ·        |          |          |          |          |          |          | 141      |   |                    |          |                                |          |          |          |              |          |
|                 | 42       |            |  | $L^{-}$  | L  | L        | L  | Ĺ        |  | Ш        |             | 92       |          | $\Box$   |          |          |          |          | ]        |          |          |          | 142      |   |                    | <u> </u> | _                              | L        |          | Ш        |              | _        |
|                 | 43       | 匚          |  |  |  |          | 匚  |          |  |          |             | 93       |          |          |          |          |          | $\Box$   | [        |          |          |          | 143      |   |                    |          | <u> </u>                       |          |          | Ш        |              | _        |
|                 | 44       | Ĺ          |  | L  | L  | L        | Ĺ  | $\Box$   |  |          |             | 94       | 匚        |          |          |          |          |          |          |          | Ш        |          | 144      | _ |                    | _        | _                              |          |          |          |              | <u>_</u> |
|                 | 45       |            |  |  |  |          |  |          |  |          |             | 95       |          |          |          |          |          |          |          |          |          |          | 145      |   | $oxedsymbol{oxed}$ | <u> </u> | _                              | $\Box$   |          | Ш        | $oxed{oxed}$ |          |
|                 | 46       |            |  | 匚  |  |          |  |          |  |          |             | 96       |          |          |          |          |          |          |          |          |          |          | 146      |   |                    | _        |                                |          |          |          |              | _        |
|                 | 47       |            |  |  |  |          |  |          |  |          |             | 97       | $\Box$   |          |          |          |          |          |          |          |          |          | 147      |   |                    | <u> </u> | _                              |          |          | Ш        | oxdot        | _        |
|                 | 48       |            |  |  |  |          |  |          |  |          |             | 98       | 匚        |          |          |          |          | $\Box$   |          |          |          |          | 148      |   |                    | 匚        |                                |          |          | Ш        |              |          |
|                 | 49       |            |  |  |  |          |  |          |  |          |             | 99       | 匚        |          |          |          |          |          |          |          |          |          | 149      | _ | Ш                  | _        | _                              |          |          | Ш        |              | _        |
|                 | 50       | L          | 乚  | L  | L  | <u>L</u> | L  |          |  |          |             | 100      | <u>L</u> | L        | Ŀ        | ليا      |          |          |          |          |          |          | 150      | L | <u> </u>           |          |                                |          |          | oxdot    |              | <u>L</u> |